

**RULE 63 (37 C.F.R. 1.53)**  
**DECLARATION AND POWER OF ATTORNEY**  
**FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

*Copy*

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Fast Readout of multiple digital Bit planes for display of Grayscale Images

the specification of which (check applicable box(es)):

is attached hereto  
 was filed on \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_  
 was filed as PCT International application No. PCT/GB99/04277 on 16/12/1999  
 and (if applicable to U.S. or PCT application) was amended on 25/01/2001

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/385 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
9827944.1	GB	18/12/1998

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed
--------------------	-----------------------

I hereby claim the benefit under 35 U.S.C. 120/385 of all prior United States and PCT international applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s):

Application Serial No.	Day/Month/Year Filed	Status: pending, abandoned
PCT/GB99/04277	18/12/1999	PENDING

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And I hereby appoint NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed), and the following attorneys thereof (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Arthur R. Crawford, 25227; Larry S. Nixon, 25640; Robert A. Vandervhye, 27076; James T. Hosmer, 30184; Robert W. Paris, 31352; Richard G. Borch, 22770; Mark E. Neubaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27383; Leonard C. Mitchard, 29009; Duane M. Byers, 33383; Jeffrey H. Nelson, 30481; John R. Listova, 33149; H. Warren Burnam, Jr. 29365; Thomas E. Byrne, 32205; Mary J. Wilson, 32955; J. Scott Davidson, 33485; Alan M. Kagen, 36178; William J. Griffin, 31260; Robert A. Moran, 29834; B. J. Sadoff, 36863; James D. Bergquist, 34776; Updeep S. Gill, 37334; Michael J. Shee, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331.

1.	Inventor's Signature:	_____	Date:	_____
	Inventor:	Timothy (first) M (last)	COKER (state/country)	GB (citizenship)
	Residence: (city)	Maidstone		
	Post Office Address:	Hilfield Cottage, Salts Lane, Loose Maidstone		
	(Zip Code)	ME15 0BD		
2.	Inventor's Signature:	X	Date:	X Jan 10th 2002
	Inventor:	William (first) A (last)	CROSSLAND (state/country)	GB (citizenship)
	Residence: (city)	Cambridge		
	Post Office Address:	University of Cambridge, Engineering Department, Trumpington Street, Cambridge		
	(Zip Code)	CB2 1FZ		

FOR ADDITIONAL INVENTORS, check box  and attach sheet with same information and signature and date for each.

341317

TOTAL P. 02

**RULE 63 (37 C.F.R. 1.63)**  
**DECLARATION AND POWER OF ATTORNEY**  
**FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named Inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint Inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Fast Readout of multiple digital Bit planes for display of Greyscales Images**

the specification of which (check applicable box(s)):

is attached hereto

was filed on

was filed as PCT International application No.

as U.S. Application Serial No.  
PCT/GB99/04277

on 18/12/1999

and (if applicable to U.S. or PCT application) was amended on

25/01/2001

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number

9827944.1

Country  
GB

Day/Month/Year Filed  
19/12/1999

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number

Date/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT International applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior applications and the national or PCT International filing date of this application:

Prior U.S./PCT Application(s):

Application Serial No.

PCT/GB99/04277

Date/Month/Year Filed

18/12/1999

Status: patented  
pending, abandoned

PENDING

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And I hereby appoint NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714, telephone number (703) 516-4000 (to whom all communications are to be directed), and the following attorneys thereof (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27078; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Basha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffry H. Nelson, 30481; John R. Lastova, 33149; H. Warren Bumann, Jr. 29366; Thomas E. Byrne, 32205; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; William J. Griffin, 31250; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331.

1. Inventor's Signature:  
Inventor:

Timothy M Coker

Date: 8/3/01

GB  
(citizenship)

Residence: (city)  
Post Office Address:  
(Zip Code)

Peterborough G-BX  
4 Brewery Court, South Road, Oundel  
PE8 4DZ

(state/country) GB

2. Inventor's Signature:  
Inventor:

William F. Crossland

Date: July 12/01

GB  
(citizenship)

Residence: (city)  
Post Office Address:  
(Zip Code)

Cambridge GRX  
University of Cambridge, Engineering Department, Trumpington Street, Cambridge  
CB2 1PZ

(state/country) GB

FOR ADDITIONAL INVENTORS, check box  and attach sheet with same information and signature and date for each.